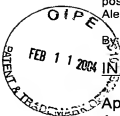


Docket No.: MUH-12838

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.



Werner H. Stemer

Date: February 9, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applic. No. : 10/698,082
Applicant : Armin Willmeroth et al.
Filed : October 30, 2003
Title : IGBT with Monolithic Integrated Antiparallel Diode
Art Unit : to be assigned
Examiner : to be assigned
Customer No. : 24131

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner for Patents

Sir:

In accordance with 37 C.F.R. 1.98 copies of the following patents and/or publications are submitted herewith:

Hajime Akiyama et al.: "Effects of Shorted Collector on Characteristics of IGBTs",
*Proceedings of 1990 International Symposium on Power Semiconductor Devices
and ICs, Tokyo, 1990, pp. 131-136.*

Respectfully submitted,

Werner H. Stemer

For Applicants

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Date: February 9, 2004

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| FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b)) | | | | Attorney Docket No.: MUH-12838 Applic. No. 10/698,082 <hr/> Applicant Armin Willmeroth et al. <hr/> Filing Date October 30, 2003 Group Art Unit | | | |
|---|--|------|------------------------|--|-----------|------------------|--|
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIALS | PATENT NO. | DATE | PATENTEE | CLASS | SUB CLASS | FILING DATE | |
| | A | | | | | | |
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| | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB CLASS | TRANSL. YES NO | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
| O | Hajime Akiyama et al.: "Effects of Shorted Collector on Characteristics of IGBTs", <i>Proceedings of 1990 International Symposium on Power Semiconductor Devices and ICs, Tokyo, 1990, pp. 131-136</i> | | | | | | |
| P | | | | | | | |
| EXAMINER | | | DATE CONSIDERED | | | | |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |